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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/924,647DATE: 04/11/2002  
TIME: 13:51:26Input Set : A:\P1219P3.txt  
Output Set: N:\CRF3\04112002\I924647.raw

ENTERED

3 <110> APPLICANT: Adams, Sean  
4 Goddard, Audrey  
5 Gurney, Austin L  
6 Stewart, Timothy A.  
7 Tomlinson, Elizabeth  
8 Yu, Xing Xian  
10 <120> TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR-19 (FGF-19) NUCLEIC ACIDS AND  
11 POLYPEPTIDES AND METHODS FOR THE TREATMENT OF OBESITY  
12 AND RELATED DISORDERS  
14 <130> FILE REFERENCE: P1219P3  
16 <140> CURRENT APPLICATION NUMBER: US 09/924,647  
C--> 17 <141> CURRENT FILING DATE: 2002-04-01  
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20 <151> PRIOR FILING DATE: 1997-11-25  
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23 <151> PRIOR FILING DATE: 2001-01-22  
25 <150> PRIOR APPLICATION NUMBER: US 09/158,342  
26 <151> PRIOR FILING DATE: 1998-09-21  
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31 <150> PRIOR APPLICATION NUMBER: US 09/522,342  
32 <151> PRIOR FILING DATE: 2000-03-09  
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46 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
47 <151> PRIOR FILING DATE: 2000-02-22  
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51 <210> SEQ ID NO: 1  
52 <211> LENGTH: 2137  
53 <212> TYPE: DNA  
54 <213> ORGANISM: Homo sapiens  
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59 gaaacccggc cgctaagcga ggcctcctcc tcccgcagat ccgaacggcc 100  
61 tgggcggggt caccceggct gggacaagaa gccgccgcct gcctgcccgg 150  
63 gcccggggag ggggctgggg ctggggccgg aggcgggggtg tgagtgggtg 200  
65 tgtgcggggg gcggaggctt gatgcaatcc cgataagaaa tgctcgggtg 250

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67 tcttgggcac ctacccgtgg ggcccgtgaag gcgctactat ataaggctgc 300
69 cggcccggag ccgcccgcgc gtcagagcag gagcgctgcg tccaggatct 350
71 agggccacga ccatcccaac ccggcactca cagccccgca gcgcattccc 400
73 gtgcgcgcgc agcctcccgc acccccacgc ccggagctgc gccgagagcc 450
75 ccagggaagt gccatgcgga gcgggtgtgt ggtggtccac gtatggatcc 500
77 tggccggcct ctggctggcc gtggccgggc gcccctcgc cttctcggac 550
79 gcggggcccc acgtgacta cggtgggggc gaccccatcc gcctgcggca 600
81 cctgtacacc tccggcccc acgggctctc cagctgcttc ctgcgcattc 650
83 gtgcgcagcg cgtcgtggac tgcgcgcggg gccagagcgc gcacagtttg 700
85 ctggagatca aggcagtcgc tctgcggacc gtggccatca agggcgtgca 750
87 cagcgtgcgg tacctctgca tgggcgcccga cggcaagatg caggggctgc 800
89 ttcagtaact ggaggaagac tgtgcttctg aggaggagat ccgccagat 850
91 ggctacaatg tgtaccgatc cgagaagcac cgcctcccgc tctccctgag 900
93 cagtgcacaa cagcggcagc tgtacaagaa cagaggcttt cttccactct 950
95 ctcatcttct gccatgctg cccatggctc cagaggagcc tgaggacctc 1000
97 agggggccact tggaatctga catgttctct tcgcccctgg agaccgacag 1050
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101 gctttgagaa gtaactgaga ccatgcccgg gcctcttcac tgctgccagg 1150
103 ggctgtgcta cctgcagcgt gggggacgtg cttctacaag aacagtcctg 1200
105 agtcacagtt ctgtttagct ttaggaagaa acatctagaa gttgtacata 1250
107 ttcagagttt tccattggca gtgccagttt ctagccaata gacttgtctg 1300
109 atcataacat tgtaagcctg tagctgccc agctgctgcc tgggcccaca 1350
111 ttctgctccc tcgaggttgc tggacaagct gctgcactgt ctcagttctg 1400
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117 cagaagacag gcagtagttt taatttcagg aacagggtgat ccactctgta 1550
119 aaacagcagg taaatttcac tcaaccccat gtgggaattg atctatatct 1600
121 ctacttccag ggaccatttg cccttcccaa atccctccag gccagaactg 1650
123 actggagcag gcatggccca ccaggcttca ggagtagggg aagcctggag 1700
125 cccactcca gccctgggac aacttgagaa ttcccctga ggccagttct 1750
127 gtcattgatg ctgtcctgag aataacttgc tgtcccgggtg tcacctgctt 1800
129 ccactctcca gccaccagc cctctgcca cctcacatgc ctcccctgg 1850
131 attggggcct ccagggccc ccaccttatg tcaacctgca cttcttgctt 1900
133 aaaaatoagg aaaagaaaag atttgaagaa oooaagtott gtaataaact 1950
135 tgctgtgtgg aagcagcggg ggaagaccta gaaccctttc cccagcactt 2000
137 ggtttttcaa catgatattt atgagtaatt tattttgata tgtacatctc 2050
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141 gaggtttggt ttgtatatata aaatggagtt tgtttgt 2137
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144 <211> LENGTH: 216
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
148 <400> SEQUENCE: 2
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150 1 5 10 15
152 Leu Trp Leu Ala Val Ala Gly Arg Pro Leu Ala Phe Ser Asp Ala
153 20 25 30
155 Gly Pro His Val His Tyr Gly Trp Gly Asp Pro Ile Arg Leu Arg
156 35 40 45

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158 His Leu Tyr Thr Ser Gly Pro His Gly Leu Ser Ser Cys Phe Leu
159              50              55              60
161 Arg Ile Arg Ala Asp Gly Val Val Asp Cys Ala Arg Gly Gln Ser
162              65              70              75
164 Ala His Ser Leu Leu Glu Ile Lys Ala Val Ala Leu Arg Thr Val
165              80              85              90
167 Ala Ile Lys Gly Val His Ser Val Arg Tyr Leu Cys Met Gly Ala
168              95              100             105
170 Asp Gly Lys Met Gln Gly Leu Leu Gln Tyr Ser Glu Glu Asp Cys
171              110             115             120
173 Ala Phe Glu Glu Glu Ile Arg Pro Asp Gly Tyr Asn Val Tyr Arg
174              125             130             135
176 Ser Glu Lys His Arg Leu Pro Val Ser Leu Ser Ser Ala Lys Gln
177              140             145             150
179 Arg Gln Leu Tyr Lys Asn Arg Gly Phe Leu Pro Leu Ser His Phe
180              155             160             165
182 Leu Pro Met Leu Pro Met Val Pro Glu Glu Pro Glu Asp Leu Arg
183              170             175             180
185 Gly His Leu Glu Ser Asp Met Phe Ser Ser Pro Leu Glu Thr Asp
186              185             190             195
188 Ser Met Asp Pro Phe Gly Leu Val Thr Gly Leu Glu Ala Val Arg
189              200             205             210
191 Ser Pro Ser Phe Glu Lys
192              215
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195 <211> LENGTH: 26
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197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
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205 <210> SEQ ID NO: 4
206 <211> LENGTH: 22
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Primer_bind
213 <400> SEQUENCE: 4
214 ccagtccggt gacaagccca aa 22
216 <210> SEQ ID NO: 5
217 <211> LENGTH: 42
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
224 <400> SEQUENCE: 5
225 gcctcccggt ctccctgagc agtgccaaac agcggcagtg ta 42
227 <210> SEQ ID NO: 6

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235 <400> SEQUENCE: 6  
236 ctccaacatg ccctatgcg 19  
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241 <213> ORGANISM: Artificial Sequence  
243 <220> FEATURE:  
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246 <400> SEQUENCE: 7  
247 acgaagagca tcacaaggag g 21  
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254 <220> FEATURE:  
255 <223> OTHER INFORMATION: Synthetic oligonucleotide probe  
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276 <220> FEATURE:  
277 <223> OTHER INFORMATION: Primer\_bind  
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285 <213> ORGANISM: Artificial Sequence  
287 <220> FEATURE:  
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290 <400> SEQUENCE: 11  
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Input Set : A:\P1219P3.txt

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295 <212> TYPE: DNA  
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298 <220> FEATURE:  
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305 <211> LENGTH: 19  
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316 <211> LENGTH: 23  
317 <212> TYPE: DNA  
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320 <220> FEATURE:  
321 <223> OTHER INFORMATION: Synthetic Oligonucleotide probe  
323 <400> SEQUENCE: 14  
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328 <212> TYPE: DNA  
329 <213> ORGANISM: Artificial Sequence  
331 <220> FEATURE:  
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338 <211> LENGTH: 20  
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340 <213> ORGANISM: Artificial Sequence  
342 <220> FEATURE:  
343 <223> OTHER INFORMATION: Primer\_bind  
345 <400> SEQUENCE: 16  
346 ccttccagct ccctcttgaa 20  
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350 <212> TYPE: DNA  
351 <213> ORGANISM: Artificial Sequence  
353 <220> FEATURE:  
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356 <400> SEQUENCE: 17  
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359 <210> SEQ ID NO: 18  
360 <211> LENGTH: 19  
361 <212> TYPE: DNA

VERIFICATION SUMMARY

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Input Set : A:\P1219P3.txt

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L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date